

Title (en)
HANGER DEVICE

Title (de)
AUFHÄNGEVORRICHTUNG

Title (fr)
DISPOSITIF DE SUSPENSION

Publication
EP 4206384 A1 20230705 (EN)

Application
EP 22215783 A 20221222

Priority
KR 20220000985 A 20220104

Abstract (en)
A hanger device according to the present disclosure may include a body (11, 110) having at least one opening (openings of cover 13, 1232) to allow air to be pulled into the body and at least one discharge port (1207, 1223b, or 1223c) to allow pulled air to be pushed out of the body. A fan module (15, 15a) is configured to pull air into the body and push air toward the discharge port, and a filter (63, 63a, 64 or 65) is provided over the fan module to filter air drawn in by the fan module. A hanging unit (50, 50a) extends from a bottom surface of the body. A filter cleaner (40) is provided inside the body to clean the filter, and the filter cleaner may be positioned between the filter and the hanging unit.

IPC 8 full level
D06F 57/00 (2006.01); **D06F 58/00** (2020.01); **D06F 59/02** (2006.01)

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A47G 25/28 (2013.01 - KR); **A61L 9/20** (2013.01 - KR); **B01D 46/4227** (2013.01 - KR); **B01D 46/48** (2013.01 - KR); **B01D 46/528** (2013.01 - KR); **B01D 46/66** (2022.01 - KR); **D06F 57/00** (2013.01 - EP); **D06F 58/00** (2013.01 - CN EP); **D06F 58/20** (2013.01 - CN); **D06F 58/26** (2013.01 - CN); **D06F 58/263** (2013.01 - KR); **D06F 59/02** (2013.01 - KR); **D06F 73/00** (2013.01 - CN KR); **F22B 1/281** (2013.01 - CN); **F24F 3/14** (2013.01 - CN KR); **F24F 3/1411** (2013.01 - CN); **F24F 6/18** (2013.01 - CN KR); **F24F 8/108** (2021.01 - CN); **F24F 8/22** (2021.01 - CN); **F24F 8/90** (2021.01 - CN); **F24F 13/28** (2013.01 - CN KR); **D06F 59/02** (2013.01 - EP); **F24F 2221/22** (2013.01 - CN)

Citation (applicant)
KR 20180128746 A 20181204 - LG ELECTRONICS INC [KR]

Citation (search report)
• [XA] CN 113832691 A 20211224 - SHANGHAI KEYU HEALTH TECH CO LTD
• [XA] CN 109355879 A 20190219 - HANGZHOU YUNWU TECH CO LTD
• [IA] CN 109853202 B 20210413

Designated contracting state (EPC)
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Designated extension state (EPC)
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